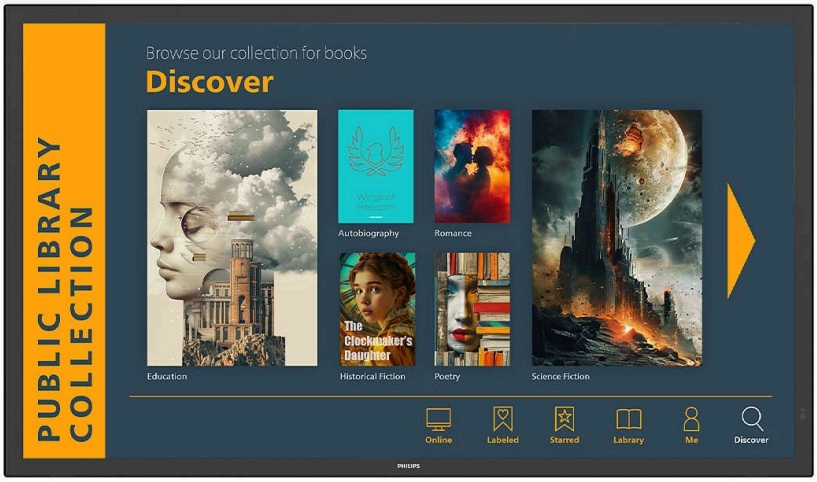
PHILIPS



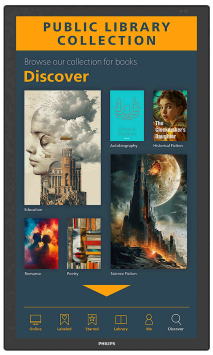
Philips Interactive 3000 Series

Signage Solutions

43"

24/7 operation

Wave ready



43BDL3751T

Better connected – versatile multi-touch display

Delivering 24/7 operation with 450 nits brightness, this versatile PCAP display is also designed to reduce energy consumption across the range. Engage. Inspire. Connect. With Android 13, Wave ready, and no need for an external media player.

Wave ready
- Remote monitoring, maintenance, and management.

Wifi and Bluetooth built in
- Better connecting customers with content.

Lower power consumption
- Supporting business sustainability and energy savings.

Three year warranty as standard
- Activated out of the box for hassle free peace of mind.

Flexible mounting
- Also supporting 30° tilt – ideal for kiosk installations.

Highlights

Edge to edge PCAP touch screen
A flush design with no bezel bringing an edge to edge experience augmented with anti-glare glass. Easy to clean, these interactive touch screens also feature anti-fingerprint coating.

Flexible mounting
Install in portrait or landscape orientations, with the option to tilt to 30°, with size variants to suit a range of installation purposes. Whether on a shelf – ideal for the 24" – angled or upright for Point of Sale, configurators, order points and kiosks – with the 32" and 43" – or for wayfinding – think 55".

24/7 operation
With 450 cd/m2 brightness for better visibility under bright lights, the Philips Interactive 3000 Series is designed to be used 24/7, making it a great selection for travel and transportation hubs, retail centers, food and beverage locations, and more. FailOver is also included enabling your display to switch automatically between primary and secondary inputs should an outage occur.

Plug and play with Android 13
The ultimate in intuitive user experience, with a professional Android 13 SoC built in for easy apps and solutions integrations and no need for an external media player. Connections include Wifi and Bluetooth, as well as USB-C port.

Wave ready
Manage your display and control content remotely with PPDS Wave Controller – your evolutionary ecosystem designed to support time, energy and cost efficiencies. Discover software applications to support your interactive vision from our network of proven partners on the PPDS ProStore.

Lower power consumption
Reduced power consumption compared to previous models, supporting business sustainability and energy savings.

Wifi and Bluetooth built in
Allows seamless connectivity, enabling easily access and engagement with content.

Three year warranty as standard
Reliable, worry-free protection for your displays, with a three-year warranty automatically in place from the start, eliminating any setup effort.

LED
Plug & Play Multi-Touch
4K Ultra HD
SmartPower

Specifications

Picture/Display
Diagonal screen size (metric): 108.0 cm
Diagonal screen size (inch): 42.5" inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.245 mm
Optimum resolution: 3840 x 2160 @ 60 Hz
Display colors: 1.07 B
Contrast ratio (typical): 1200:1
Response time (typical): 8 ms
Viewing angle (horizontal): 178 degree
Viewing angle (vertical): 178 degree
Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan
Panel technology: ADS
Operating system: Android 13
Brightness max. (after glass): 450 cd/m²
Brightness max. (before glass): 500 cd/m²
OS UI resolution: UHD
Surface treatments: Anti-Glare coating, Anti-Fingerprint coating

Connectivity
Audio output: 3.5mm jack
Video input: HDMI 2.0 (x2), Display Port1.3 (x1), USB-C (with 15W power delivery)
Other connections: Micro USB (x1) (OTG), USB 3.0 A (x2), USB 3.0 B (x1), Wifi: 2T/2R 2.4/5/6 GHz, Bluetooth 5.2, OPS (external, removable)
External control: Gigabit LAN RJ45, IR (in/out) 3.5 mm jack, RS232 (in/out) 2.5 mm jack

Convenience
Placement: Landscape (24/7), Portrait (24/7), Tilted installation up to 30° backwards
Screen saving functions: Pixel Shift, Low Brightness
Keyboard control: Hidden, Lockable
Remote control signal: Lockable
Signal loop through: IR Loopthrough, RS232
Network controllable: RS232, RJ45

Sound
Built-in speakers: 2 x 10W

Power
Mains power: 100 ~ 240 VAC, 50/60Hz
Consumption (Typical): 65 W
Consumption (Max): 145 W
Standby power consumption: <0.5W
Energy Label Class: G

Supported Display Resolution
Computer formats: 720 x 400, 70Hz, 640 x 480, 60,67,75Hz, 800 x 600, 60Hz, 832 x 624, 75Hz, 1024 x 768, 60Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz, 1920 x 1080, 60Hz, 1680 x 1050, 60Hz, 3840 x 2160, 30, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 60 Hz, 50 Hz
Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30, 60Hz

Dimensions
Set Width: 990.0 mm
Set Height: 578.2 mm
Set Depth: 69.3 mm (Wall mount) / 103.9 mm (external OPS box) mm
Set Width (inch): 38.98" inch
Set Height (inch): 22.76" inch
Wall Mount: 200 mm x 200 mm , M6
Set Depth (inch): 2.73" (Wall mount) / 4.09" (external OPS box) inch
Bezel width: 23.4 mm touch black border (T/R/L/B)

Weight
Product with packaging (kg): 20.63 kg
Product with packaging (lb): 45.48 lb
Product without packaging (kg): 17.05 kg
Product without packaging (lb): 37.59 lb

Operating conditions
Altitude: 0 ~ 3000 m
Temperature range (operation): 0 ~ 40 °C
MTBF: 50,000 hour(s)
Temperature range (storage): -20 ~ 60 °C
Humidity range (operation)[RH]: 20 ~ 80% (without condensation)
Humidity range (storage) [RH]: 5 ~ 95% (without condensation)

Multimedia Applications
USB Playback Video: MPEG 1/2 (1080p 60Hz), MPEG 4 (1080p 60Hz), H.263 (1080p 60Hz), H.264 (4K2K 120Hz), H.265 (4K2K 120Hz), VP8 (1080p 60Hz), VP9 (4K2K 120Hz)
USB Playback Picture: JPEG, PNG, BMP, WEBP
USB Playback Audio: AAC, HEAAC, MPEG 1/2/2.5 Layer 3, MPEG 1/2 Layer 1, MPEG 1/2 Layer 2

Internal Player
CPU: Quad Core Cortex A55
GPU: Multi-Core Mali-G52
Memory: 4GB DDR3
Storage: 32 GB eMMc

Accessories
Included Accessories: Philips logo (x1), Power supply cable (3 m), Quick start guide (x1), Remote control & AAA batteries, AC Switch Cover, RS232 cable (3 m) (x1), USB A to B cable (3m) (x1), Wifi Antennas (2 pcs), CRD32 wifi module
Optional accessories: Open frame kit (BM03751)
Stand: BM05922 (Optional)

Miscellaneous
On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
Warranty: 3 year warranty
Regulatory approvals: CE, CB, BSMI, FCC, Class A, CU, ETL, IMDA, PSB, RoHS, EnergyStar 8.0

Interactivity
Multi-touch technology: Projected capacitive
Touch points: 20 simultaneous touch points
Plug and play: HID compliant
Protection glass: 3 mm tempered safety glass

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